

Converting Colors

Hex(9F316F)

Have a look what the booklet for
Hex(9F316F) contains.

Hex(9F316F)	3
<i>Conversions</i>	4
<i>Details</i>	6
<i>Harmonies</i>	11
<i>Previews</i>	23
<i>Color Blindness Simulation</i>	26
<i>CSS Examples</i>	29

Color

Hex(9F316F)

Conversions

Conversions Part 1

Format	Color
Hex	9F316F
RGB	159, 49, 111
RGB Percent	62%, 19%, 44%
CMY	0.3765, 0.8078, 0.5647
CMYK	0.00, 0.69, 0.30, 0.38
HSL	326°, 53%, 41%
HSV	326°, 69%, 62%
XYZ	18.2656, 10.7153, 16.1445
YIQ	88.9580, 45.6580, 42.6020

Conversions

Conversions Part 2

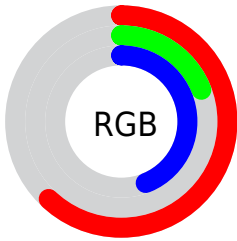
Format	Color
R_{YB}	159, 49, 111
Decimal	10432879
CIE _{Lab}	39.10, 51.05, -10.86
CIE _{LCh}	39, 52.194, 347.988
Yxy	10.7153, 0.4048, 0.2375
Android (android.graphics.Color)	4288622959 (0xFF9F316F)
YUV	88.9580, 10.8667, 61.4268
Hunter-Lab	32.7342, 42.3181, -6.3279

Details

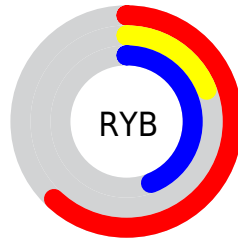
The Hex color **9F316F** is a dark color, and the websafe version is hex **993366**. A complement of this color would be **319F61**, and the grayscale version is **595959**.

A 20% lighter version of the original color is **D967A3**, and **67003F** is the 20% darker color. If you saturate the color by 10%, you get **9F2168**, and if you desaturate by 10%, it is **9F4176**.

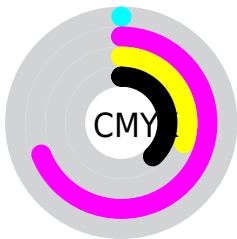
Distribution



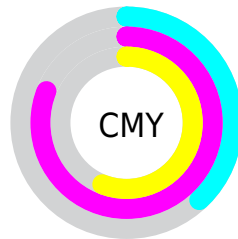
- Red (62%)
- Green (19%)
- Blue (44%)



- Red (62%)
- Yellow (19%)
- Blue (44%)



- Cyan (0%)
- Magenta (69%)
- Yellow (30%)
- Black (38%)



- Cyan (38%)
- Magenta (81%)
- Yellow (56%)

Brightness & Saturation Gradients

These gradients show how the Hex color 9F316F changes by changing the brightness by 10 percent. The first figure shows a shift by +10% for each color and the second figure -10%.

Similar to the brightness gradients but the following saturation gradients show a change of the Hex color 9F316F by changing the saturation by 10% instead.

 9F316F

 9F316F

FFFFFF

 831057

 D967A3

 67003F

 F683BE

 4C0029

 FF9EDA

 350015

 FFBAF6

 0B0000

 FFD7FF

 000000

 FFF4FF

 9F316F

 9F316F

 9F2168

 9F4176

 9F1161

 9F517D

 9F015A

 9F6184

 9F005A

 9F718B

 9F8192

 9F9099

 9FA0A0

 9FB0A7

 9FC0AD

Harmonies

Analogous

The Analogous color harmony consists of three colors that are next to each other on the color wheel.



7D4495



9F316F



A73045

Triad

The Triadic color harmony groups three colors that are evenly spaced from another and form a triangle on the color wheel.



9F316F



576200



006D9B

Complementary

The Complementary color scheme is a pair of colors which are on the opposite of each other on the color wheel.



9F316F



319F61

Split Complementary

Split-complementary colors differ from the complementary color scheme. The scheme consists of three colors, the original color and two neighbors of the complement color.



006F75



9F316F



1F6A1E

Square

The Square scheme is like the rectangle color scheme, but the four colors are evenly spaced on the color wheel.



9F316F



7E5400



006E49



0066AF

Rectangle

The Rectangle color scheme consists of four colors that form a rectangle on the color wheel.



9F316F



A03B2A



006E49



006E90

Sweetspot

The Sweet Spot groups the original color and five complimentary colors.



9F316F



CFA3BC



61319F



694E5D



E8E8E8



696969

Same Dimension

The Same Dimension uses a secret algorithm to generate beautiful new colors.



9F316F



CF2384



9F3138



4F474C



8F0050



0F0009

Inverse Universe

The Inverse Universe completely reimagines the original color for something new.



9F316F



CF2384



319F98



4F474C



8F0050



0F0009

Previews

White Background



This preview shows how the Hex color 9F316F looks on a white background.

Color Contrast Check

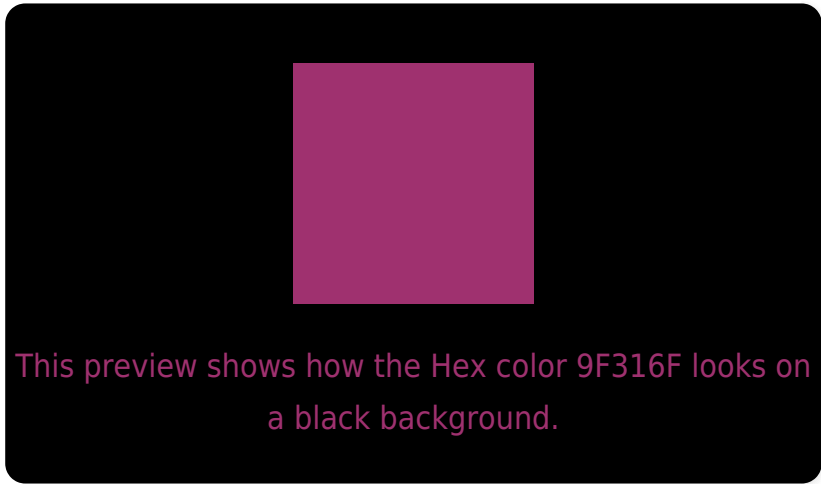
Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA × Fail

Black Background



Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA × Fail

Large Text (above 18pt) WCAG AAA × Fail

Any Text WCAG AAA × Fail

If you want to check with other color combinations, try the [Color Contrast Checker](#).

Hex 9F316F Background



This preview shows how black text looks on a background with the Hex color 9F316F.



This preview shows how white text looks on a background with the Hex color 9F316F.

Color Blindness Simulation

Color vision deficiency is a very complex topic, and I could not describe the different causes any better than Wikipedia does, so if you want to learn more, you should check out their [article about color blindness](#).

Dichromacy





Tritanopia
9B3D41

Trichromacy



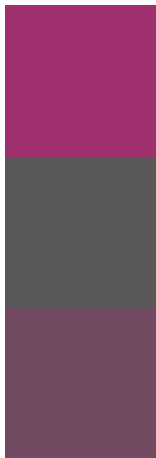
Original Color
9F316F

Protanomaly
6A4C82

Deuteranomaly
774C6B

Tritanomaly
9C3952

Monochromacy



Original Color
9F316F

Achromatopsia
595959

Achromatomaly
724A61

CSS Examples

Text

The CSS property to change the color of the text to Hex 9F316F is called "color". The color property can be set on classes, ids or directly on the HTML element.

This example shows how text in the color #9F316F looks like.

```
.text, #text, p{  
    color:#9F316F  
}
```

If you want to add a text shadow in that color use the text-shadow property, you can generate a text shadow directly with our [CSS Text Shadow Generator](#).

Here you see how black text with a 4 pixel #9F316F colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #9F316F
}
```

Border

The CSS property to change the border of an element to Hex 9F316F is called "border". The border property can be set on classes, ids or directly on the HTML element.

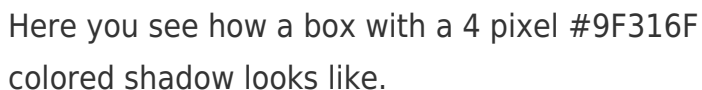
This example shows the color as border, it can be applied via the CSS property "border" or "border-color".

```
.border, #border, table{ border:4px solid
#9F316F }
```

If only the border color should be changed use the property border-color.

```
.border{ border-color:#9F316F }
```

If you want to add a box shadow in that color use:



Here you see how a box with a 4 pixel #9F316F colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #9F316F; -webkit-box-shadow:4px 4px  
4px 4px #9F316F; box-shadow:4px 4px 4px  
4px #9F316F }
```

Background

The CSS property to change the background color of an element to Hex 9F316F is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#9F316F }
```

If only the background color should be changed can be used:

```
.background{ background-color:#9F316F }
```

This example shows the color as background, it is applied via the CSS property "background".

To optimize and compress your CSS code, you can use our [online CSS compressor and optimizer](#) based on csstidy. If you want to create a linear or radial gradient as background or border, check our [CSS Gradient Generator](#).

Hey! You found this booklet interesting? Support Converting Colors with the new Membership Option!

The pro membership hides all ads, plus gives you double the colors in the color bucket, and more awesome pro features!

[Learn more, Memberships starting at \\$2.50/m!](#)

**Follow me
on Twitter!**

@ConvertingColor